ELSEVIER

Thermochimica Acta 267 (1995) 445–446

thermochimica acta

Author index

Arii, T. 209
Arita, Y. 389
Atake, T. 415

Chikazawa, M. 159

Dokiya, M. 129

Fuji, M. 159
Fujieda, S. 95
Fujii, N. 209
Fujimoto, J. 297
Fukada, H. 373
Fukushima, Y. 259

Hashimoto, T. 289
Hatakeyama, H. 249, 343
Hatakeyama, T. 249, 343
Hatta, I. 83
Hayashi, K. 355
Hirai, M. 355
Horita, T. 129

Ichikawa, H. 83
Ikegami, T. 181
Imai, S. 259
Inagaki, M. 405
Ishikiriyama, K. 169

Kajiwara, A. 435
Kamachi, M. 435
Kanamaru, K. 117
Kanaya, S. 379
Kato, T. 397
Katsuda, Y. 405
Kawada, T. 129
Kayukawa, N. 107
Kimura, T. 333
Kinami, N. 421
Kitamura, H. 313
Kobayahi, A. 289
Kobayashi, T. 169
Kodama, M. 365
Koga, N. 195
Kojima, M. 373
Kojima, T. 231
Konishi, T. 159
Kumagai, T. 139
Kuwata, H. 117

Maeda, Y. 139
Málek, J. 61, 181
Matsuda, H. 259
Matsuda, S. 181
Matsui, T. 389
Matsuo, T. 421
Mitsuhashi, T. 181
Miyata, T. 365
Miyazaki, Y. 435
Miyoshi, E. 269
Momota, M. 313
Mori, T. 415
Morikawa, J. 289
Murakami, S. 323

Nagasawa, Y. 223
Nakamura, K. 343
Nakamura, S. 231
Nakamura, T. 195
Nakata, Y. 355
Narita, K. 313
Nishikawa, K. 323
Nishikawa, M. 75
Nishimura, Y. 343
Nishinari, K. 269

Ochiai, M. 149
Ogata, H. 297
Ogawa, Y. 297
Ogura, H. 149
O'Hare, P.A.G. 1
Ohmae, N. 435
Ohomuro, K. 323
Okada, M. 259
Okada, S. 195
Okino, T. 117
Oobatake, M. 379
Ozao, R. 149
Ozawa, K. 223

Patterson, D. 15

Sakai, N. 129
Sakamoto, A. 169
Saruyama, Y. 75
Senda, T. 209
Shimada, S. 405
Shimono, S. 259
Shirakami, T. 415
Sorai, M. 373, 435
Suga, H. 421
Suzuki, Y. 231

Tago, K. 231
Takagi, S. 333
Takahas, M. 259
Takahashi, A. 355
Takahashi, K. 373
Takai, Y. 129
Takamizawa, K. 297
Takashashi, K. 373
Takaya, T. 269
Takei, T. 159
Takizawa, T. 355
Tamura, K. 323
Tanaka, H. 29, 195
Tanaka, K. 169
Tanokura, M. 373
Tayama, T. 169
Todoki, M. 83, 129, 169
Tojo, T. 415
Tsuda, T. 333
Tsuji, T. 397
Tsutsumi, S. 149

Umezaki, K. 259
Urabe, Y. 297

Wadsö, I. 45
Watanabe, A. 181
Watanabe, T. 159
Yabuki, S. 355
Yamamoto, K. 313
Yamamoto, M. 223
Yamamura, H. 415
Yamasaki, T. 379
Yokokawa, H. 129
Yoshida, H. 239

Zhang, W. 95

ELSEVIER

Thermochimica Acta 267 (1995) 447–453

thermochimica acta

Subject index

AAC
On the applicability of optical depth-atomic absorption relationship to measurements of alkali seeded combustion flames 107

AC calorimetry
Application of dynamic differential scanning calorimetry to study of phase transitions 83

ACC
Development of the light heating dynamic DSC 75

Acoustic emission
A study on phase transition of CsCl ⇌ NaCl in CsCl, NH_4Cl and NH_4Br by simultaneous AE-DTA measurement 405

Alginate films
Thermal properties of water insoluble alginate films containing di- and trivalent cations 343

Alkali metal
On the applicability of optical depth-atomic absorption relationship to measurements of alkali seeded combustion flames 107

Amorphous polymer
Effect of chemical structure of amorphous polymers on heat capacity difference at glass transition temperature 249

Anhydrous γ-FeO(OH)
A kinetic study of the thermal decomposition of iron(III) hydroxide-oxides 2. Preparation and thermal decomposition of γ-FeO(OH) 195

Aromatic polyformal
Thermal degradation of aromatic polyformals derived from bisphenol A and bisphenol AF 231

Artificial kidney
Pore size distribution measurements of polymer hydrogel membranes for artificial kidneys using differential scanning calorimetry 169

Aspergillus niger
Differential scanning calorimetric studies of the thermal unfolding of acid proteinase A from *Aspergillus niger* at various pHs 373

Belousov-Zhabotinskii reaction
Thermal behavior of Belousov-Zhabotinskii reactions with Ce(IV) salts measured by heat exchange calorimetry of flow type involving simultaneous observation of potentiometric oscillations 95

Benzene
Excess thermodynamic properties of mixtures of cyclohexanone and benzene at 298.15 and 308.15 K and the effect of excess expansion factor 323

Binary mixture
Thermal diffusivity in a binary mixture of poly(phenylene oxide) and polystyrene 289

Biological material
Isothermal microcalorimetry for the characterization of interactions between drugs and biological materials 45

Capillary condensed liquid
Phase transition of capillary condensed liquids in porous silica: effect of surface hydroxyl groups 159

Cations
Thermal properties of water insoluble alginate films containing di- and trivalent cations 343

Ce(IV) salts
Thermal behavior of Belousov-Zhabotinskii reactions with Ce(IV) salts measured by heat exchange calorimetry of flow type involving simultaneous observation of potentiometric oscillations 95

Chalcogenide
Thermochemical studies of inorganic chalcogenides by fluorine-combustion calorimetry: binary compounds of germanium and silicon with sulfur, selenium and tellurium 1

Chromium deficiency
Simultaneous thermogravimetry-mass spectrometry for a solid oxide fuel cell interconnect, $(La_{0.7}Ca_{0.32})CrO_3$ 129

Circular dichroism
Heat denaturation and cold denaturation of *Escherichia coli* RNase HI investigated by circular dichroism 379
Cobalt(II) bromate hexahydrate
Low temperature thermal properties of cobalt(II) bromate hexahydrate 421
Cold denaturation
Heat denaturation and cold denaturation of *Escherichia coli* RNase HI investigated by circular dichroism 379
Crystallization
Activation energy for crystallization of low molecular weight poly(ethylene oxide) and low molecular weight poly(ethylene oxide)/poly(methyl methacrylate) blends determined by DSC and polarized optical microscopy 259
Crystallization kinetics
Crystallization kinetics of zirconia-yttria gels 181
Crystallization kinetics
The applicability of Johnson–Mehl–Avrami model in the thermal analysis of the crystallization kinetics of glasses 61
CsCl and NaCl type structure
A study on phase transition of CsCl ⇌ NaCl in CsCl, NH_4Cl and NH_4Br by simultaneous AE-DTA measurement 405
Cyclohexanone
Excess thermodynamic properties of mixtures of cyclohexanone and benzene at 298.15 and 308.15 K and the effect of excess expansion factor 323

Debye temperature
Low temperature thermal properties of cobalt(II) bromate hexahydrate 421
Dissolve in eutectic mixture
Observation of the melting process for ethyl *p*-aminobenzoate doped with eutectic mixture 313
Dopentacontane
Freezing-in phenomena of high-temperature structures and their structural determination for henpentacontane and dopentacontane 297
Drug
Isothermal microcalorimetry for the characterization of interactions between drugs and biological materials 45
DSC
Activation energy for crystallization of low molecular weight poly(ethylene oxide) and low molecular weight poly(ethylene oxide)/poly(methyl methacrylate) blends determined by DSC and polarized optical microscopy 259
DSC
Application of dynamic differential scanning calorimetry to study of phase transitions 83
DSC
Crystallization kinetics of zirconia-yttria gels 181
DSC
Development of the light heating dynamic DSC 75
DSC
Differential scanning calorimetric studies of the thermal unfolding of acid proteinase A from *Aspergillus niger* at various pHs 373
DSC
Effect of Na^+ concentrations on both size and multiplicity of multilamellar vesicles composed of negatively charged phospholipid as revealed by differential scanning calorimetry and electron microscopy 365
DSC
Effects of salts on the gel-sol transition of gellan gum by differential scanning calorimetry and thermal scanning rheology 269
DSC
Pore size distribution measurements of polymer hydrogel membranes for artificial kidneys using differential scanning calorimetry 169
DSC
Thermal properties of water insoluble alginate films containing di- and trivalent cations 343
DSC/X-ray diffraction
Dynamic analysis of the melting behavior of polymers showing polymorphism observed by simultaneous DSC/X-ray diffraction measurements 239
DTA
A study on phase transition of CsCl ⇌ NaCl in CsCl, NH_4Cl and NH_4Br by simultaneous AE-DTA measurement 405
Dynamic DSC
Development of the light heating dynamic DSC 75

Einstein temperature
Low temperature thermal properties of cobalt(II) bromate hexahydrate 421
Electrical conductivity
High temperature heat capacities and electrical conductivities of UO_2 doped with Nd and Mg 389

Electrochemical doping
Electrochemical Peltier heat in the polypyrrole–electrolyte system 139
Electrolyte
Electrochemical Peltier heat in the polypyrrole–electrolyte system 139
Electron microscopy
Effect of Na^+ concentrations on both size and multiplicity of multilamellar vesicles composed of negatively charged phospholipid as revealed by differential scanning calorimetry and electron microscopy 365
Enthalpy
Excess enthalpies of some halogenized aromatic compounds + methyl methylthiomethyl sulfoxide or + dimethyl sulfoxide at 298.15 K XI. Thermodynamics of liquid mixtures containing methyl methylthiomethyl sulfoxide 333
Entropy change
Electrochemical Peltier heat in the polypyrrole–electrolyte system 139
Escherichia coli RNase HI
Heat denaturation and cold denaturation of *Escherichia coli* RNase HI investigated by circular dichroism 379
Evolved gas
Study of fire-retardant polymers using temperature jump/Fourier transform infrared spectroscopy 223
Excess expansion factor
Excess thermodynamic properties of mixtures of cyclohexanone and benzene at 298.15 and 308.15 K and the effect of excess expansion factor 323

Fire-retardant polymer
Study of fire-retardant polymers using temperature jump/Fourier transform infrared spectroscopy 223
Flame
On the applicability of optical depth-atomic absorption relationship to measurements of alkali seeded combustion flames 107
Fluorine-combustion calorimetry
Thermochemical studies of inorganic chalcogenides by fluorine-combustion calorimetry: binary compounds of germanium and silicon with sulfur, selenium and tellurium 1
Fluorine-containing polymer
Thermal degradation of aromatic polyformals derived from bisphenol A and bisphenol AF 231
Freezing-in
Freezing-in phenomena of high-temperature structures and their structural determination for henpentacontane and dopentacontane 297
FT-IR
Study of fire-retardant polymers using temperature jump/Fourier transform infrared spectroscopy 223

Ganglioside
Calorimetric and small angle X-ray and neutron scattering studies of mixing gangliosides and methylated albumin 355
Gel-sol transition
Effects of salts on the gel-sol transition of gellan gum by differential scanning calorimetry and thermal scanning rheology 269
Gellan gum
Effects of salts on the gel-sol transition of gellan gum by differential scanning calorimetry and thermal scanning rheology 269
Germanium
Thermochemical studies of inorganic chalcogenides by fluorine-combustion calorimetry: binary compounds of germanium and silicon with sulfur, selenium and tellurium 1
Glass
The applicability of Johnson–Mehl–Avrami model in the thermal analysis of the crystallization kinetics of glasses 61
Glass transition temperature
Effect of chemical structure of amorphous polymers on heat capacity difference at glass transition temperature 249

Hafnium–oxygen alloy
Heat capacity measurements of hafnium–oxygen solid solutions at high temperatures 397
Halogenized aromatic compounds
Excess enthalpies of some halogenized aromatic compounds + methyl methylthiomethyl sulfoxide or + dimethyl sulfoxide at 298.15 K XI. Thermodynamics of liquid mixtures containing methyl methylthiomethyl sulfoxide 333
Heat capacity
Effect of chemical structure of amorphous polymers on heat capacity difference at glass transition temperature 249
Heat capacity
Heat capacity measurements of hafnium–oxygen solid solutions at high temperatures 397
Heat capacity
High temperature heat capacities and electrical conductivities of UO_2 doped with Nd and Mg 389

Heat capacity
Low temperature heat capacities of zirconia and yttria-doped zirconia $(ZrO_2)_{1-x}(Y_2O_3)_x$ ($x = 0$, 0.0200, 0.0396) 415
Heat capacity
Low temperature thermal properties of cobalt(II) bromate hexahydrate 421
Heat capacity
Very low-temperature heat capacities and magnetic thermal anomalies of the organic free radical magnet, 4-methacryloylamino-2,2,6,6-tetramethylpiperidine-1-oxyl (MATMP) 435
Heat denaturation
Heat denaturation and cold denaturation of *Escherichia coli* RNase HI investigated by circular dichroism 379
Heat exchange calorimetry
Thermal behavior of Belousov-Zhabotinskii reactions with Ce(IV) salts measured by heat exchange calorimetry of flow type involving simultaneous observation of potentiometric oscillations 95
Heat of dissolution
Observation of the melting process for ethyl *p*-aminobenzoate doped with eutectic mixture 313
Heat of mixing
Observation of the melting process for ethyl *p*-aminobenzoate doped with eutectic mixture 313
Henpentacontane
Freezing-in phenomena of high-temperature structures and their structural determination for henpentacontane and dopentacontane 297
High resolution TG
A combined thermogravimetric-gas chromatographic/mass spectrometric analysis (TG-GC/MS) using a high resolution TG technique 209
High-temperature structures
Freezing-in phenomena of high-temperature structures and their structural determination for henpentacontane and dopentacontane 297
Hydrated γ-FeO(OH)
A kinetic study of the thermal decomposition of iron(III) hydroxide-oxides 2. Preparation and thermal decomposition of γ-FeO(OH) 195
Hydrogel
Pore size distribution measurements of polymer hydrogel membranes for artificial kidneys using differential scanning calorimetry 169
Hydrogen insertion
Application of macro-TG (Shimadzu TGA-51) to hydrogen spillover in a tungsten(VI) oxide system 117

Interaction
Isothermal microcalorimetry for the characterization of interactions between drugs and biological materials 45
IR spectrum
Low temperature thermal properties of cobalt(II) bromate hexahydrate 421
Isothermal microcalorimetry
Isothermal microcalorimetry for the characterization of interactions between drugs and biological materials 45

Johnson–Mehl–Avrami model
The applicability of Johnson–Mehl–Avrami model in the thermal analysis of the crystallization kinetics of glasses 61

Kinetics
A kinetic study of the thermal decomposition of iron(III) hydroxide-oxides 2. Preparation and thermal decomposition of γ-FeO(OH) 195
Kinetics
Thermal analysis and kinetics of solid state reactions 29

Lanthanum calcium chromite
Simultaneous thermogravimetry-mass spectrometry for a solid oxide fuel cell interconnect, $(La_{0.7}Ca_{0.32})CrO_3$ 129
Latent heat
Application of dynamic differential scanning calorimetry to study of phase transitions 83
Light heating
Development of the light heating dynamic DSC 75
Linear heat capacity
Application of dynamic differential scanning calorimetry to study of phase transitions 83
Low energy excitations
Low temperature heat capacities of zirconia and yttria-doped zirconia $(ZrO_2)_{1-x}(Y_2O_3)_x$ ($x = 0$, 0.0200, 0.0396) 415

Magnetic thermal anomalies
Very low-temperature heat capacities and magnetic thermal anomalies of the organic free radical magnet, 4-methacryloylamino-2,2,6,6-tetramethylpiperidine-1-oxyl (MATMP) 435
Melting
Dynamic analysis of the melting behavior of polymers showing polymorphism observed by

simultaneous DSC/X-ray diffraction measurements 239
Melting process
Observation of the melting process for ethyl *p*-aminobenzoate doped with eutectic mixture 313
4-Methacryloyl-amino-2,2,6,6-tetramethylpiperidine-1-oxyl
Very low-temperature heat capacities and magnetic thermal anomalies of the organic free radical magnet, 4-methacryloylamino-2,2,6,6-tetramethylpiperidine-1-oxyl (MATMP) 435
Methylated albumin
Calorimetric and small angle X-ray and neutron scattering studies of mixing gangliosides and methylated albumin 355
Mg doped UO_2
High temperature heat capacities and electrical conductivities of UO_2 doped with Nd and Mg 389
Mixing heat
Calorimetric and small angle X-ray and neutron scattering studies of mixing gangliosides and methylated albumin 355
Multilamellar vesicle
Effect of Na^+ concentrations on both size and multiplicity of multilamellar vesicles composed of negatively charged phospholipid as revealed by differential scanning calorimetry and electron microscopy 365
Nd doped UO_2
High temperature heat capacities and electrical conductivities of UO_2 doped with Nd and Mg 389

Neutron scattering
Calorimetric and small angle X-ray and neutron scattering studies of mixing gangliosides and methylated albumin 355
Nitrogen gas adsorption-desorption
Pore size distribution measurements of polymer hydrogel membranes for artificial kidneys using differential scanning calorimetry 169
Non-electrolyte mixtures
Structure and the thermodynamics of non-electrolyte mixtures 15
Non-linear heat capacity
Application of dynamic differential scanning calorimetry to study of phase transitions 83

Optical depth
On the applicability of optical depth-atomic absorption relationship to measurements of alkali seeded combustion flames 107
Order–disorder transition
Heat capacity measurements of hafnium–oxygen solid solutions at high temperatures 397

Peltier heat
Electrochemical Peltier heat in the polypyrrole–electrolyte system 139
Phase transition
A study on phase transition of CsCl ⇌ NaCl in CsCl, NH_4Cl and NH_4Br by simultaneous AE-DTA measurement 405
Phase transition
Application of dynamic differential scanning calorimetry to study of phase transitions 83
Phase transition
Phase transition of capillary condensed liquids in porous silica: effect of surface hydroxyl groups 159
Phospholipid
Effect of Na^+ concentrations on both size and multiplicity of multilamellar vesicles composed of negatively charged phospholipid as revealed by differential scanning calorimetry and electron microscopy 365
Polarized optical microscopy
Activation energy for crystallization of low molecular weight poly(ethylene oxide) and low molecular weight poly(ethylene oxide)/poly(methyl methacrylate) blends determined by DSC and polarized optical microscopy 259
Poly(ethylene oxide)
Activation energy for crystallization of low molecular weight poly(ethylene oxide) and low molecular weight poly(ethylene oxide)/poly(methyl methacrylate) blends determined by DSC and polarized optical microscopy 259
Poly(ethylene oxide)/poly(methyl methacrylate) blends
Activation energy for crystallization of low molecular weight poly(ethylene oxide) and low molecular weight poly(ethylene oxide)/poly(methyl methacrylate) blends determined by DSC and polarized optical microscopy 259
Poly(phenylene oxide)
Thermal diffusivity in a binary mixture of poly(phenylene oxide) and polystyrene 289
Polymer
Dynamic analysis of the melting behavior of polymers showing polymorphism observed by simultaneous DSC/X-ray diffraction measurements 239
Polypyrrole
Electrochemical Peltier heat in the polypyrrole–electrolyte system 139

Polystyrene
Thermal diffusivity in a binary mixture of poly(phenylene oxide) and polystyrene 289
Pore size distribution
Pore size distribution measurements of polymer hydrogel membranes for artificial kidneys using differential scanning calorimetry 169
Potentiometric oscillations
Thermal behavior of Belousov-Zhabotinskii reactions with Ce(IV) salts measured by heat exchange calorimetry of flow type involving simultaneous observation of potentiometric oscillations 95
Powder samples
Thermoanalytical characterization of powder samples I. Wet pretreated samples 149
Power spectra
A study on phase transition of CsCl ⇌ NaCl in CsCl, NH_4Cl and NH_4Br by simultaneous AE-DTA measurement 405
Prigogine-Flory theory
Structure and the thermodynamics of non-electrolyte mixtures 15
Proteinase A
Differential scanning calorimetric studies of the thermal unfolding of acid proteinase A from *Aspergillus niger* at various pHs 373
Purity determination
Observation of the melting process for ethyl *p*-aminobenzoate doped with eutectic mixture 313
Pyrolysis
Study of fire-retardant polymers using temperature jump/Fourier transform infrared spectroscopy 223

Raman spectrum
Low temperature thermal properties of cobalt(II) bromate hexahydrate 421

Salt
Effects of salts on the gel-sol transition of gellan gum by differential scanning calorimetry and thermal scanning rheology 269
Silica
Phase transition of capillary condensed liquids in porous silica: effect of surface hydroxyl groups 159
Silicon
Thermochemical studies of inorganic chalcogenides by fluorine-combustion calorimetry: binary compounds of germanium and silicon with sulfur, selenium and tellurium 1
Sinusoidal modulation
Development of the light heating dynamic DSC 75
Solid solution
Heat capacity measurements of hafnium–oxygen solid solutions at high temperatures 397
Solid state reaction
Thermal analysis and kinetics of solid state reactions 29
Spectroscopy
On the applicability of optical depth-atomic absorption relationship to measurements of alkali seeded combustion flames 107
Surface hydroxyl group
Phase transition of capillary condensed liquids in porous silica: effect of surface hydroxyl groups 159

TA
The applicability of Johnson–Mehl–Avrami model in the thermal analysis of the crystallization kinetics of glasses 61
TA
Thermal analysis and kinetics of solid state reactions 29
TA
Thermoanalytical characterization of powder samples I. Wet pretreated samples 149
Temperature dependence
Excess thermodynamic properties of mixtures of cyclohexanone and benzene at 298.15 and 308.15 K and the effect of excess expansion factor 323
TG-DTG
A kinetic study of the thermal decomposition of iron(III) hydroxide-oxides 2. Preparation and thermal decomposition of γ-FeO(OH) 195
TG-GC/MS
A combined thermogravimetric-gas chromatographic/mass spectrometric analysis (TG-GC/MS) using a high resolution TG technique 209
TG-MS
Simultaneous thermogravimetry-mass spectrometry for a solid oxide fuel cell interconnect, $(La_{0.7}Ca_{0.32})CrO_3$ 129
TGA-51
Application of macro-TG (Shimadzu TGA-51) to hydrogen spillover in a tungsten(VI) oxide system 117
Thermal degradation
Thermal degradation of aromatic polyformals derived from bisphenol A and bisphenol AF 231

Thermal dehydration
A kinetic study of the thermal decomposition of iron(III) hydroxide-oxides 2. Preparation and thermal decomposition of γ-FeO(OH) 195
Thermal dehydroxylation
A kinetic study of the thermal decomposition of iron(III) hydroxide-oxides 2. Preparation and thermal decomposition of γ-FeO(OH) 195
Thermal diffusivity
Thermal diffusivity in a binary mixture of poly(phenylene oxide) and polystyrene 289
Thermal scanning rheology
Effects of salts on the gel-sol transition of gellan gum by differential scanning calorimetry and thermal scanning rheology 269
Thermodynamic properties
Excess thermodynamic properties of mixtures of cyclohexanone and benzene at 298.15 and 308.15 K and the effect of excess expansion factor 323
Thermodynamics
Structure and the thermodynamics of non-electrolyte mixtures 15
Time-resolve
Study of fire-retardant polymers using temperature jump/Fourier transform infrared spectroscopy 223
Transition entropy
Heat capacity measurements of hafnium–oxygen solid solutions at high temperatures 397
Tungsten(IV)
Application of macro-TG (Shimadzu TGA-51) to hydrogen spillover in a tungsten(VI) oxide system 117
UO_2
High temperature heat capacities and electrical conductivities of UO_2 doped with Nd and Mg 389
Very low temperature
Very low-temperature heat capacities and magnetic thermal anomalies of the organic free radical magnet, 4-methacryloylamino-2,2,6,6-tetramethylpiperidine-1-oxyl (MATMP) 435
Water
Pore size distribution measurements of polymer hydrogel membranes for artificial kidneys using differential scanning calorimetry 169
Wet pretreatment
Thermoanalytical characterization of powder samples I. Wet pretreated samples 149
X-Ray
Calorimetric and small angle X-ray and neutron scattering studies of mixing gangliosides and methylated albumin 355
Yttria-doped zirconia
Low temperature heat capacities of zirconia and yttria-doped zirconia $(ZrO_2)_{1-x}(Y_2O_3)_x$ ($x = 0$, 0.0200, 0.0396) 415
Zirconia
Low temperature heat capacities of zirconia and yttria-doped zirconia $(ZrO_2)_{1-x}(Y_2O_3)_x$ ($x = 0$, 0.0200, 0.0396) 415
Zirconia-yttria gels
Crystallization kinetics of zirconia-yttria gels 181